

Transport and Shipping of the 4pi Calibration System

The 4pi Group

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I. Deployment Hardware

glovebox extension

drive plate

pin block

z-axis weight, calibration poles

II. Controls

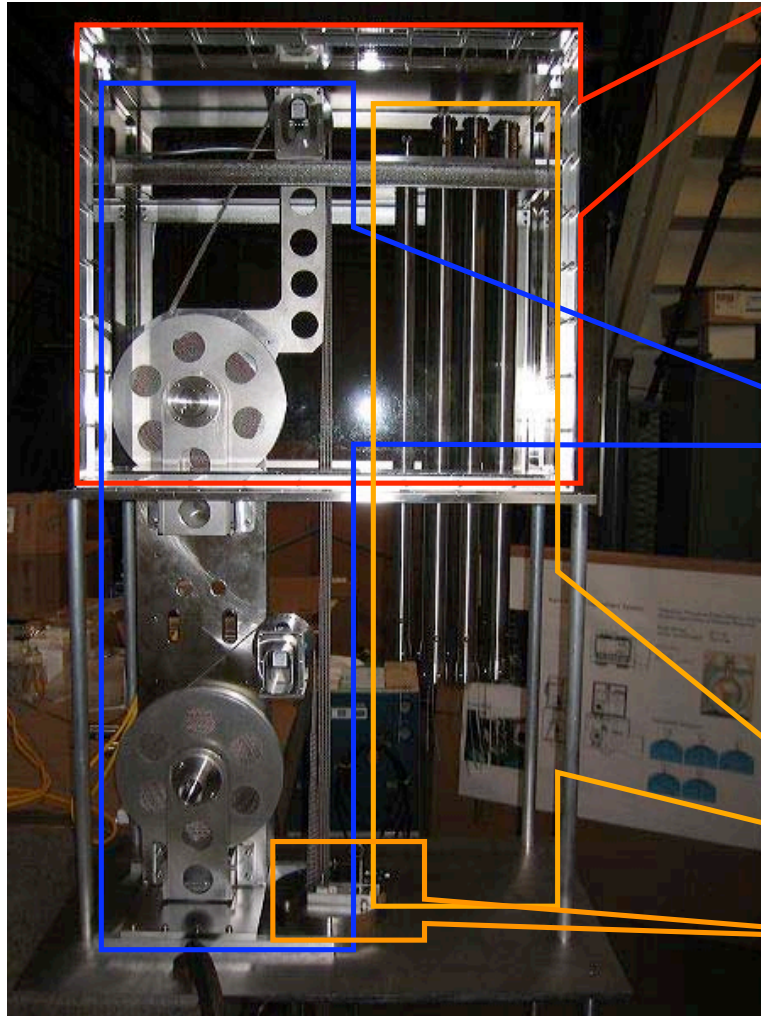
controller box

computer, monitor

cables, tools, spares

III. Rotary Stage

Deployment Hardware



penthouse + lucite windows
28" (H) x 35" (W) x 20" (L)
~ 40 kg

drive plate
45" (H) x 15" (W) x 15" (L)
~ 80 kg

calibration poles
pin block
~ 20 kg

Controls

1. Controller Box



dimensions: 21"(L) x 13"(W) x 16"(H)
weight: 15 kg

- One Parker Compumotor 6K4 motion controller
- Two Parker Compumotor Gemini GV servo motor drives, one for each motor
- a US Digital ED2 encoder counter
- a triple-output DC low-voltage power supply
- a Keyspan four-port RS232-to-USB interface
- a small box with electrical connections to multiplex the RS232 connections to the two Gemini GV servo motor drives into one serial port

2. Cables, Tools, Spares

dimensions: small
weight: < 10 kg

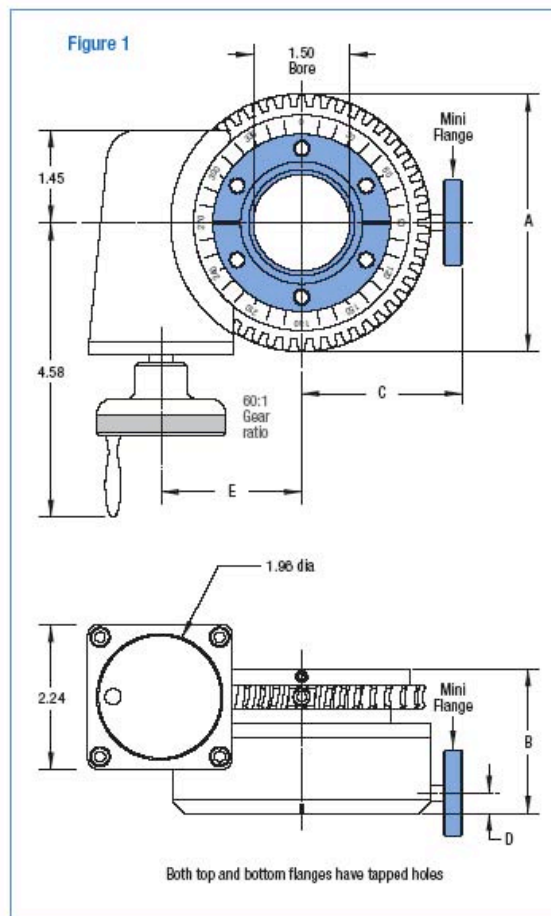
3. Computer

dimensions: 13"(L) x 9"(W) x 8" (H)
weight: 5 kg

4. Monitor

dimensions: 18"(L) x 18" (W) x 18" (H)
weight: 10 kg

Rotary Stage



weight: ~ 20 kg
dimensions: 21" (L) x 21" (W) x 11" (H)